

CORRES. CONTROL  
OUTGOING LTR. NO.  
DOE ORDER # 4700.1

**04-RF-00818**

DIST.	LTR	ENC
METER, T.J.		
ERRERA, D.W.	X	
INDSAY, D.C.		
ONG, J.		
YLE, J.L.		
MARTINEZ, L. A.		
IZZUTO, V.M.		
HELTON, D.C.		
PEARS, M.S.		
UOR, N. R.		



SEAN, C.		
BUTLER, J. L.		
JECK, C.		
FRANCIS, M.	X	X
REIBOTH, C.		
SEIS, A.		
GIBBS, F.	X	
HUME, J.		
HUMISTON, T.		
HUNTER, D.		
KNAPP, S.		
LINSINBGLER, H.	X	X
MARSCHALL, J.R.		
MYERS, K.		
NESTA, S.	X	X
O'BRIEN, J.J.		
OMAN, K.		
PLAPPERT, R.		
PRIMROSE, A.		
RICHARDELLA, R.		
ROSENMAN, A.		
SNYDER, D.P.		
SWARTZ, J.M.		
WIEMELT, K.		
SELAN, J.		

CORRES. CONTROL	X	X
ADMIN RECRD/T130G	X	X
TRAFFIC		
PATS/130		

CLASSIFICATION:		
UCNI		
UNCLASSIFIED		
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER		
SIGNATURE:		

Date:

IN REPLY TO RFP CC NO.:

ACTION ITEM STATUS:

☐ PARTIAL/OPEN

☐ CLOSED

LTR APPROVALS:

ORIG. & TYPIST INITIALS:

MF:pvt

RF-46459(Rev.9/94)

August 4, 2004

04-RF-00818

Gary Morgan, Functional Lead  
Cadre Project Management Division  
DOE, RFPO

RSOP FOR FACILITY DISPOSITION NOTIFICATION LETTER FOR BUILDING 122  
FEG-022-04

Attached is a draft transmittal letter to the Colorado Department of Public Health and Environment for the RSOP notification for Building 122 facility disposition. The draft transmittal letter has been prepared from DOE building point of contact to CDPHE building point of contact; however, it could also be addressed from DOE RFCA coordinator to CDPHE RFCA coordinator.

Please contact Steve Nesta X6386 with questions or concerns.

*Frank E. Gibbs*

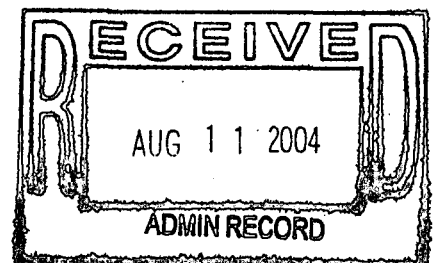
Frank E. Gibbs  
Deputy Project Manager  
Remediation, Industrial D&D, and Site Services

SMN: pvt

Attachment:  
As Stated

Orig. and 1 cc - Gary Morgan

cc:  
Joe Legare



Kaiser-Hill Company, L L C  
Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden, CO 80403-8200 • 303-966-7000

IA-A-002256

David Kruchek  
Colorado Department of Health and Environment  
4300 Cherry Creek Drive South  
Denver, CO 80222-1530

**RSOP FOR FACILITY DISPOSITION NOTIFICATION LETTER FOR BUILDING 122**

Mr. Kruchek:

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Disposition, this letter and its attachments is notification for RSOP implementation. This notification is for all activities required to demolish and disposition Building 122.

The Reconnaissance Level Characterization Report (RLCR) has been prepared to Pre-Demolition Survey Report (PDSR) criteria, and will be the only characterization report prepared for Building 122. The RLCR/PDSR is being submitted concurrently with this notification. The building has been determined to be a Type 2 facility due to radiological contamination.

This work will be conducted by Kaiser-Hill Company, L.L.C (K-H). The requirements, methods, controls, and processes outlined in the RSOP will be followed. This work will be conducted in accordance with the work control documentation prepared by K-H and its subcontractor. The exact methods and process and progress of the activities will be communicated to DOE/LRA through the consultative process

As indicated in the RSOP, the LRA has 14 days to review the RSOP notification letter and provide feedback, including a definitive reason for not proceeding with the project. If no feedback is received within 14 days, the project will proceed as planned.

If you have any questions regarding this, please contact me at (303) 966-2133.

Gary Morgan  
U.S. Department of Energy

## DESCRIPTION OF PLANNED ACTIVITIES

### Facility Description and Scope of Demolition

Building 122 is an 8600 sq. ft. building that functioned as the Occupational Health facility. Constructed in 1953, B122 is a single-story poured concrete structure. In the 1970s the body counting rooms were expanded and an addition was built onto the south side of the building. In the 1990s an administrative section was added to the north side of the structure. The additions were constructed with concrete blocks and prefabricated concrete roof panels. The body counting rooms have specially designed steel walls with lead, tin and zinc shielding to eliminate cosmic radiation. In addition, the X-ray room has lead shielding in the walls.

Building 122 had the following utilities: electrical, plant water, plant sanitary, plant steam, and site waste process system (grouted in July 2002). Fire protection is provided by an overhead sprinkler system and wall mounted fire extinguishers.

Demolition of the structure will be executed by heavy equipment. The demolition equipment will begin on the East Side of the building and proceed westward toward B121. The upper structure and non-contaminated portions of the slab will be managed as non-routine sanitary waste (NRSW) or non-friable asbestos-containing waste and disposed at an RFETS approved landfill (Front Range or BFI - Commerce City). Radiologically contaminated portions of the slab will be protected during demolition of the upper structure, and managed as LLW.

### Reconnaissance Level Characterization Report (RLCR)

During preparation of the RLCR, surveys identified plutonium (Pu) contamination on and beneath floor tiles. The Pu contaminated areas have been decontaminated or removed under implementation of the Facility Component Removal, Size Reduction, and Decontamination Activities RSOP. The Pb-lined walls have also been removed and managed accordingly.

The RLCR has been prepared to Pre-Demolition Survey Report (PDSR) and is the only characterization document being submitted for B122. The RLCR/PDSR identifies areas where contamination existed, verifies the effectiveness of the decontamination process, and establishes the building as being ready for demolition. The RLCR/PDSR is being submitted concurrently with this RSOP notification.

### Project-specific Administrative Record File Index

Attached

### Deviations or Exceptions to the to the RSOP

None

### Level One Schedule for Project Implementation

Attached

### Point of Contact

The principle point of contact for this project is Harry Linsinbigler, (303) 966-5101.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE  
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 1 of 4  
Report Date: 29-JUL-04

There are 11 records in this set and a total of 25 pages.

<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
<u>IA A 000972</u> 04/24/2002 3 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> SCHIEFFELIN, JOE	<u>Recipient(s)</u> LEGARE, JOSEPH A. NESTA, STEVE	Conditional approval of Closure Description Document (CDD) for Partial Closure of Resource Conservation and Recovery Act (RCRA) Unit 374.3 - 400 Area Process Waste Transfer System.
<u>IA A 001174</u> 11/19/2002 1 Pages PUBLIC	YES, ROUTINE 00824-RF-02 <u>Author(s)</u> SCHIEFFELIN, JOE	<u>Recipient(s)</u> NESTA, STEVE	The Colorado Department of Public Health and Environment (CDPHE) approves the extension request for Partial Closure of Hazardous Waste Unit 374.3, known as the 400 area Process Waste Transfer System. This includes the process waste line connecting valve vault 13 to valve vault 14, valve vault 14 through 20, Building 428, Tank D-835, all process waste line between originating from Buildings 122, 428, 443, 444, 447 and 460.
<u>IA A 001313</u> 02/26/2003 2 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> PARSONS, DUANE	<u>Recipient(s)</u> KRUCHEK, DAVID	Purpose of Contact: During the weekly Remediation, Industrial Building D&D and Site Services Project, RISS Area Status meeting held February 26, 2003, it was agreed upon that the RFETS Facility Disposition Management Program Manual (MAN-076-FDPM, Revision 3) requirement for Scoping Meetings would not be adhered to for the listed RISS anticipated Type 1 facilities. The listed facilities are non-production facilities, and based on process knowledge and historical use, these facilities have a very low potential for radiological or chemical contamination. Therefore, it was decided that there was little value added in conducting a scoping meeting for these facilities. The Type 1 facility-specific Historical Site Assessment (HSA) Reports and Reconnaissance Level Characterization Reports (RLCR) for these facilities will be reviewed at the time of submittal to Rocky Flats Field Office (RFFO) and Colorado Department of Public Health and Environment (CDPHE).

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE  
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 2 of 4  
Report Date: 29-JUL-04

There are 11 records in this set and a total of 25 pages.

<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
<u>IA</u> <u>A</u> <u>001375</u> 03/26/2003 9 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> PARSONS, DUANE	N/A <u>Recipient(s)</u> KRUCHEK, DAVID	Purpose of Contact: Remediation, Industrial Building D&D and Site Services Project, RISS meeting discusses the enclosed proposed Facility Anticipated Typing Reclassification table. This includes a list of buildings that have not yet undergone a Reconnaissance Level Characterization (RLC), and a justification for changing the Typing prior to the RLC.
<u>IA</u> <u>A</u> <u>INFO</u> 01/01/1992 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	PAC 000-121; SW-A-000189 <u>Recipient(s)</u> FILE	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 000 Area: Original Process Waste Lines (OPWL) (PAC 000-121). The OPWL are a network of tanks and underground pipelines constructed to transport and temporarily store Aqueous chemical and radioactive process wastes from point of origin to on-site treatment and discharge points. The system handled process wastes from buildings 123, 444, 707, 771, 776, 779, 865, 881, 83, 889, 122, and 441. Depending on the level of radioactivity and chemical composition, process wastes were routed to b774 for treatment, Pond B-2, or the Solar Evaporation Ponds (SEP). Process waste held in B-2 was also pumped to Pond A-2 for storage during the mid-1970s. As defined in the 1988 OPWL Closure Plan, the OPWL consists of approximately 35,000 feet of pipeline and 39 separate tank locations which house a total of 73 tanks. OPWL tanks and pipelines exist in RFP areas 100, 400, 500, 600, 700, 800, and 900, the SEPs, and the northeast Buffer Zone (BZ) between the 900 Area and holding Pond B-2. The level of detail provided in documentation of known pipeline releases is not sufficient to define the lateral and vertical extent of individual releases. Soil sampling data suggests that measurable quantities of Nitrate and Pu-239 can persist in subsurface soils affected by OPWL releases for years after the last know release to the soil has occurred.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE  
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 11 records in this set and a total of 25 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
<u>IA</u> <u>A</u> <u>INFO</u> 01/01/1992 0 Pages PUBLIC	YES, ROUTINE Ref: SW-A-000189 <u>Author(s)</u> ENVIRONMENTAL RESTOR	<u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - Under Building Contamination UBC 122. This Record provides the description(s) of some of the events that may have led to UBC. The identified events are not intended to be complete, but are rather intended to be representative of events that have occurred which may have led to UBC. Building 122 houses the Medical Facility. Use of this building began in 1952. 122 operated with a 55-gallon drum to receive liquid waste. Rusting of this drum and subsequent leakage resulted in some low-level infiltration of the soil under the building and the removal of a section of floor. No documentation was found detailing the fate of constituents released to the environment.
<u>IA</u> <u>A</u> <u>INFO</u> 02/04/2002 0 Pages PRELIM	N/A <u>Author(s)</u> DELLAGUARDIA, GARY	<u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: Building 122 - Occupational Health / Medical RISS D&D 122, RISS Area: 5; Group-N/A, Cluster: N/A Facility Grouping No.: FGN-11, Facility Area: 1-3-5-9, Facility Type: N/A
<u>IA</u> <u>A</u> <u>INFO</u> 02/04/2002 0 Pages PRELIM	N/A <u>Author(s)</u> DELLAGUARDIA, GARY	<u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. Tank 067 - Liquid Nitrogen Storage Tank (east of 122) RISS D&D Tank 067, RISS Area: 5; Group-N/A, Cluster: N/A Facility Grouping No.: FGN-20, Facility Area: 400, Facility Type N/A
<u>IA</u> <u>A</u> <u>INFO</u> 08/01/2002 0 Pages PUBLIC	YES, ROUTINE IA-A-001518 <u>Author(s)</u> NOT INDICATED	<u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: Reconnaissance Level Characterization Report (RLCR) Area 5 Group 3, June 11, 2003; Historical Site Assessment (HSA) Report, August 2002 - Building 122 is the medical building for Occupational Health and was constructed in 1953. This facility contains emergency medical services, personnel decontamination equipment, gamma counting operations, medical/infectious

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE  
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 11 records in this set and a total of 25 pages.

<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
<u>SW A 004697</u> 12/13/2002 10 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> LEGARE, JOSEPH A.	02-DOE-01598; 00867-RF-02 <u>Recipient(s)</u> GUNDERSON, STEVE REHDER, TIMOTHY	Forwards the enclosed Map depicting exterior building survey results and a matrix of exterior Pre-Demolition Survey (PDS) results for approval.
<u>SW A INFO</u> 01/01/1992 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	N/A; SW-A-000189 <u>Recipient(s)</u> FILE	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 100 Area is located in the west-central portion of RFP. The majority of the buildings in the 100 Area are within a security fenced exclusion area. Some office buildings and a receiving warehouse are located west of the fenced area. The more important buildings in the are: B111 houses general offices, a print lithographic shop, a photography laboratory, a photocopying center, and an illustrations department. B115 is an office building for US Department of Energy, Rocky Flats Field Office (DOE/RFFO) personnel. B121 contains Plant Protective Services offices and the plant dispatching service. B122 houses the emergency medical services for RFP. B123 houses the health physics laboratories which analyze water, urine, soil, air, getation, nose swipes, fecal material, and filter samples for the presence of Plutonium (Pu), Americium, Uranium, alpha radiation, beta radiation, gamma radiation, tritium, beryllium, and organics. B125 houses the laboratory that calibrates measuring instruments used at RFP. B126 contains sealed radioactive sources that are used for instrument calibration and dosimeter irradiation and calibration. B127 houses an emergency diesel power generator that provides emergency power to several buildings in the 100 Area. B130 area contains office buildings and a central receiving warehouse.

Activity ID	Activity Description	% Comp	Orig Dur	Rem Dur	Current Early Stz	Current Early Finish	FY04												FY05
							JUL			AUG			SEP			OCT			
							26	2	9	16	23	30	6	13	20	27	4		
<b>Demolition Crew</b>																			
<b>122 - Occupational Health - Medical</b>																			
<b>Characterization</b>																			
1EFD4075	B122 PDSR Complete	99	4	5	29JUL04A	05AUG04													
1EFD3870	RSOP Notification / Facility Disposition	0	4	1	06AUG04	06AUG04													
1EFD4055	B122 Transmit PDSR	0	1	1	06AUG04	06AUG04													
1EFD4056	B122 Confirmatory Sample	0	1	1	02SEP04	02SEP04													
<b>Decontamination</b>																			
1EFD3868	B122 Asbestos Abatement Complete	0	32	25	27JUL04A	01SEP04													
<b>Demolition</b>																			
1EFD3905	B121 / B122 Work Package Complete - Demo	0	5	5	29JUL04	05AUG04*													
1EFD3975	B122 Environmental Compliance Checklist Complete	0	5	5	29JUL04	05AUG04													
1EFD3906	B121 / B122 Work Package Complete - Drain Demo	0	5	5	02AUG04	09AUG04*													
1EFD4495	B122 Lung Counter Load Out Work Package	0	4	4	02AUG04	05AUG04													
1EFD4015	B122 Site Demo Plan w/Traffic Pattern	0	5	5	25AUG04	01SEP04													
1EFD3955	B122 Cold and Dark Complete	0	1	1	02SEP04	02SEP04													
1EFD3985	B122 Demo Permit Approved	0	1	1	02SEP04	02SEP04													
1EFD4085	B122 Cold & Dark Walk Down (B121 + B122)	0	1	1	02SEP04	02SEP04													
1EFD3855	B121/122 Decommissioning Demolition & Disposal	0	16	16	07SEP04	04OCT04													
1EFD4035	B121/122 Demolition	0	16	16	07SEP04	04OCT04													
1EFD4045	B121/122 Load Out	0	16	16	07SEP04	04OCT04													

Start Date 01FEB99  
Finish Date 15MAY06  
Data Date 29JUL04  
Run Date 29JUL04 12:48

PODC - RISS

RISS POD  
B122

Sheet 1 of 1